

Preparation of biuret-containing polyisocyanates

Abstract

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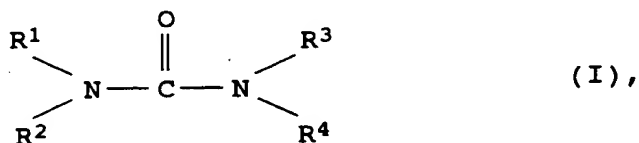
A process for the preparation of polyisocyanates which contain one or more biuret groups, by reacting

- 10 a) an aliphatic or cycloaliphatic isocyanate containing two or more isocyanate groups (isocyanate a) with
- b) a tertiary alcohol or a mixture of water and a tertiary alcohol (biuretizing agent b)

15 at from 100 to 250°C, which comprises carrying out the reaction in the presence

- c) of a stabilizer (c) which constitutes a catalytic amount of urea, ammonia, biuret, a urea derivative of the formula I

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in which R¹, R², R³ and R⁴ are hydrogen, C₁ to C₁₀ alkyl or C₅ to C₁₀ aryl, or

a carboxamide of the formula II

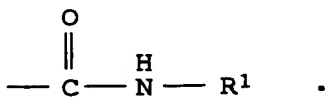
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in which R⁵ is C₁ to C₁₂ alkyl which is unsubstituted or in which 1, 2 or 3 hydrogen atoms are replaced by a radical

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